



ELSEVIER

Analytica Chimica Acta 333 (1996) 301-303

ANALYTICA
CHIMICA
ACTA

Author Index

Al-Shawi, A.W.
— and Dahl, R.
Determination of lanthanides in magnesium alloys by ion chromatography 23

Ashworth, D., see Maines, A. 223

Azenha, M.A.O., see Vasconcelos, M.T.S.D. 97

Bermejo, L.F.G., see Pulgarín, J.A.M. 59

Blanco, M.
—, Coello, J., Iturriaga, H., Maspoch, S. and de la Pezuela, C.
Quantitation of the active compound and major excipients in a pharmaceutical formulation by near infrared diffuse reflectance spectroscopy with fibre optical probe 147

Bonet, M.J., see Rosés, M. 241

Bosch, E., see Rosés, M. 241

Calokerinos, A.C., see Palilis, L.P. 267

Celik, A.
— and Henden, E.
Application of molecular emission cavity analysis to the determination of tin in various samples based on hydride generation 295

Cheng, N., see Wu, J. 125

Coello, J., see Blanco, M. 147

Dahl, R., see Al-Shawi, A.W. 23

Dalene, M., see Lind, P. 277

de la Guardia, M., see López-Anreus, E. 157

de la Pezuela, C., see Blanco, M. 147

Domènec, X., see Torrades, F. 139

Doneanu, C., see Dumitrescu, V. 181

Dumitrescu, V.
—, Surmeian, M., Doneanu, C. and Stanescu, S.
Computer program for the determination of salicylic acid content in aspirin by derivative spectrometry 181

Esteves da Silva, J.C.G.
—, Ferreira, M.A., Machado, A.A.S.C. and Rey, F.
Classification of binding sites for Al(III) in fulvic acids extracted from leaf litters and soils by synchronous fluorescence spectroscopy and multidimensional chemometric analysis 71

Ferreira, M.A., see Esteves da Silva, J.C.G. 71

García-Alvarez-Coque, M.C., see Torres-Cartas, S. 31

Garrigues, S., see López-Anreus, E. 157

Glab, S., see Koncki, R. 215

Gooijer, C., see Kozin, I.S. 193

Grekas, N., see Palilis, L.P. 267

Harris, J.W., see McDonald, I. 41

Henden, E., see Celik, A. 295

Hernández, J., see Sánchez-Pedreño, C. 107

Hioki, A., see Toda, E. 51

Hortal, J.A.G., see Torrades, F. 139

Howard, A.G.
— and Salou, C.
Cysteine enhancement of the cryogenic trap hydride AAS determination of dissolved arsenic species 89

Igarashi, S., see Kawakami, T. 175

Iturriaga, H., see Blanco, M. 147

Jagner, D., see Sahlin, E. 233

Kanatharana, P., see Ratana-ohpas, R. 115

Kawakami, T.
— and Igarashi, S.
Highly sensitive spectrophotometric determination of nitrite ion using 5,10,15,20-tetrakis(4-aminophenyl)porphine for application to natural waters 175

Kilg, R.
— and Smit, H.C.
The quality of quantitation in chromatography Part I. Information theoretical considerations 3

Kilg, R.
— and Smit, H.C.
The quality of quantitation in chromatography Part II. Optimizing the quantitative analysis 11

Klement, R., see Mazúr, M. 249

Klement, R., see Mazúr, M. 253

Koh, T.
— and Sugimoto, T.
Extractive spectrophotometric determination of silver(I) at the 10^{-7} M level using 1,10-phenanthroline and tetrabromophenolphthalein ethyl ester 167

Koncki, R.
—, Walcerz, I., Ruckruh, F. and Glab, S.
Benzymatic potentiometric electrodes for creatine and L-arginine determination 215

Kongsawasdi, W., see Ratana-ohpas, R. 115
 Kozin, I.S.
 —, Gooijer, C. and Velhorst, N.H.
 Shpol'skii spectroscopy as a tool in environmental analysis for amino- and nitro-substituted polycyclic aromatic hydrocarbons: A critical evaluation 193
 Kubota, M., see Toda, E. 51

Li, H.
 — and Smart, R.B.
 Catalytic stripping voltammetry of vanadium in the presence of dihydroxynaphthalene and bromate 131
 Li, K.A., see Ma, C.Q. 83
 Li, Y.-F., see Zhang, Z.-Q. 119
 Lind, P.
 —, Skarping, G. and Dalene, M.
 Biomarkers of toluene diisocyanate and thermal degradation products of polyurethane, with special reference to the sample preparation 277
 Liu, H., see Zhang, Z.-Q. 119
 López-Anreus, E.
 —, Garrigues, S. and de la Guardia, M.
 Vapour generation-Fourier transform infrared spectrometric determination of benzene, toluene and methyl *tert*-butyl ether in gasolines 157
 Luque de Castro, M.D., see Velasco-Arjona, A. 205

Ma, C.Q.
 —, Li, K.A. and Tong, S.Y.
 Determination of proteins by fluorescence quenching of erythrosin B 83
 Machado, A.A.S.C., see Esteves da Silva, J.C.G. 71
 Maines, A.
 —, Ashworth, D. and Vadgama, P.
 Diffusion restricting outer membranes for greatly extended linearity measurements with glucose oxidase enzyme electrodes 223
 Maspoch, S., see Blanco, M. 147
 Matveev, O.I., see Riter, K.L. 187
 Mazúr, M.
 —, Valko, M., Klement, R. and Morris, H.
 Quantitative electron paramagnetic resonance (EPR) spectrometry with a TE₁₀₄ double rectangular cavity Part 1. A simple alignment procedure for the precision positioning of the sample 249
 Mazúr, M.
 —, Valko, M., Morris, H. and Klement, R.
 Quantitative electron paramagnetic resonance (EPR) spectrometry with a TE₁₀₄ double rectangular cavity Part 2. Analysis of sample and TE₁₀₄ cavity error sources associated with the movement of line-like samples into the TE₁₀₄ cavity 253
 McDonald, I.
 —, Harris, J.W. and Vaughan, D.J.
 Determination of noble metals in sulphide inclusions from diamonds using inductively coupled plasma-mass spectrometry 41
 Morris, H., see Mazúr, M. 249

Morris, H., see Mazúr, M. 253
 Ortúñu, J.A., see Sánchez-Pedreño, C. 107
 Palilis, L.P.
 —, Calokerinos, A.C. and Grekas, N.
 Chemiluminescence arising from the oxidation of bilirubin in aqueous media 267
 Peral, J., see Torrades, F. 139
 Pérez, M., see Torrades, F. 139
 Pulgarín, J.A.M.
 — and Bermejo, L.F.G.
 Flow-injection stopped-flow spectrofluorimetric kinetic determination of paracetamol based on its oxidation reaction by hexacyanoferrate(III) 59

Ratana-ohpas, R.
 —, Kanatharana, P., Ratana-ohpas, W. and Kongsawasdi, W.
 Determination of tin in canned fruit juices by stripping potentiometry 115
 Ratana-ohpas, W., see Ratana-ohpas, R. 115
 Ratliff, J.
 Investigation of the molecular species produced by the vaporization of the Group IIA metal nitrates from a graphite surface 285
 Rey, F., see Esteves de Silva, J.C.G. 71
 Riter, K.L.
 —, Matveev, O.I., Smith, B.W. and Winefordner, J.D.
 The determination of lead in whole blood by laser enhanced ionization using a combination of electrothermal vaporizer and flame 187
 Riva, M.C., see Torrades, F. 139
 Rosés, M.
 —, Bonet, M.J. and Bosch, E.
 Conductometric determination of dissociation constants of several acids and their tetrabutylammonium salts in propan-2-ol/water mixtures 241
 Ruckruh, F., see Koncki, R. 215

Sahlin, E.
 — and Jagner, D.
 Influence of Triton X-100 in stripping potentiometry 233
 Salou, C., see Howard, A.G. 89
 Sánchez-Pedreño, C.
 —, Ortúñu, J.A. and Hernández, J.
 Determination of chlorine and dissolved oxygen in waters and of ascorbic acid in pharmaceuticals by iodometric potentiometric titration using a plasticized poly(vinyl chloride) membrane electrode 107
 Shan, L., see Wu, J. 125
 Skarping, G., see Lind, P. 277
 Smart, R.B., see Li, H. 131
 Smit, H.C., see Kilg, R. 3
 Smit, H.C., see Kilg, R. 11
 Smith, B.W., see Riter, K.L. 187
 Stanescu, S., see Dumitrescu, V. 181
 Sugimoto, T., see Koh, T. 167

Surmeian, M., see Dumitrescu, V. 181

Toda, E.

—, Hioki, A. and Kubota, M.

Determination of impurities in high-purity selenium by inductively coupled plasma mass spectrometry after acetate-form anion-exchange separation 51

Tong, S.Y., see Ma, C.Q. 83

Torrades, F.

—, Riva, M.C., Torres, S., Hortal, J.A.G., Domènech, X., Peral, J. and Pérez, M.

Detection and elimination of the constant error component and the interactive matrix interference in the determination of adsorbable organic halogen (AOX) in bleached kraft paper pulp mill effluents 139

Torres, S., see Torrades, F. 139

Torres-Cartas, S.

—, Villanueva-Cañas, R.M. and García-Alvarez-Coque, M.C.

Modelling and optimization of the separation of steroids eluted with a micellar mobile phase of sodium dodecyl sulphate containing acetonitrile 31

Vadgama, P., see Maines, A. 223

Valko, M., see Mazúr, M. 249

Valko, M., see Mazúr, M. 253

Vasconcelos, M.T.S.D.

— and Azenha, M.A.O.

Additional evidence of the operational character of the lability of complexes of copper(II) with simple organic ligands 97

Vaughan, D.J., see McDonald, I. 41

Velasco-Arjona, A.

— and Luque de Castro, M.D.

A robotic-flow injection approach to the fully automated determination of starch in food 205

Velthorst, N.H., see Kozin, I.S. 193

Villanueva-Cañas, R.M., see Torres-Cartas, S. 31

Walcerz, I., see Koncki, R. 215

Winefordner, J.D., see Riter, K.L. 187

Wu, J.

—, Zhu, J., Shan, L. and Cheng, N.

Voltammetric and amperometric study of electrochemical activity of boron-doped polycrystalline diamond thin film electrodes 125

Zhang, H., see Zhang, Z.-Q. 119

Zhang, Z.-Q.

—, Liu, H., Zhang, H. and Li, Y.-F.

Simultaneous cathodic stripping voltammetric determination of mercury, cobalt, nickel and palladium by mixed binder carbon paste electrode containing dimethylglyoxime 119

Zhu, J., see Wu, J. 125